Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031220\
Data File : BG044746.D
Acq On : 12 Mar 2020 22:48
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
mohammad
3/16/2020 1:48:28 PM

Quant Time: Mar 13 07:27:28 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 10 16:27:39 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	104528	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	421099	20.00	ng		0.00
39) Acenaphthene-d10	14.69	164	287535	20.00	ng		0.00
64) Phenanthrene-d10	17.43	188	649172	20.00	ng		0.00
76) Chrysene-d12	21.71	240	546153	20.00	ng		0.00
87) Perylene-d12	24.92	264	657568	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	501058	74.62	ng		0.00
7) Phenol-d6	7.21	99	733890	75.22	ng		0.00
23) Nitrobenzene-d5	9.21	82	713782	74.38	ng		0.00
42) 2,4,6-Tribromophenol	16.17	330	285791	75.91	ng		0.00
45) 2-Fluorobiphenyl	13.31	172	1461339	72.78	ng		0.00
79) Terphenyl-d14	20.04	244	2162519	74.07	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	117355	36.293	ng		98
3) Pyridine	3.92	79	343547	35.889	ng		95
4) n-Nitrosodimethylamine	3.83	42	143975	39.641	ng	#	99
6) Aniline	7.38	93	445099	36.665	ng		95
8) 2-Chlorophenol	7.62	128	248773	37.113	ng		98
9) Benzaldehyde	7.18	77	219059	35.785	ng		99
10) Phenol	7.24	94	359300	37.199	ng		98
11) bis(2-Chloroethyl)ether	7.47	93	279073	36.203	ng		99
12) 1,3-Dichlorobenzene	7.95	146	297339	36.010	ng		100
13) 1,4-Dichlorobenzene	8.09	146	298986	36.626	ng		97
14) 1,2-Dichlorobenzene	8.41	146	280240	36.197	ng		97
15) Benzyl Alcohol	8.29	79	288634	36.873	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.59	45	510519	37.529	ng		98
17) 2-Methylphenol	8.49	107	239568	36.616	ng		92
18) Hexachloroethane	9.15	117	121504	37.806	ng		94
19) n-Nitroso-di-n-propylamine	8.86	70	250314	36.336	ng		98
20) 3+4-Methylphenols	8.82	107	332515	36.868	ng		98
22) Acetophenone	8.88	105	414830	34.773	ng	#	96
24) Nitrobenzene	9.25	77	363966	36.553	ng		94
25) Isophorone	9.79	82	666462	35.584	ng		97
26) 2-Nitrophenol	9.97	139	136961	40.583	ng	#	94
27) 2,4-Dimethylphenol	10.03	122	219011	35.908	ng		98
28) bis(2-Chloroethoxy)methane	10.27	93	396467	35.471	ng		99
29) 2,4-Dichlorophenol	10.50	162	266056	37.347	ng		99
30) 1,2,4-Trichlorobenzene	10.73	180	307585	36.109	ng		96
31) Naphthalene	10.91	128	837260	35.892	ng		100
32) Benzoic acid	10.16	122	156544	35.979	ng		92
33) 4-Chloroaniline	11.01	127	372848	35.477	ng		99
34) Hexachlorobutadiene	11.21	225	203293	36.291	ng		98
35) Caprolactam	11.78	113	97600	36.185	ng		95
36) 4-Chloro-3-methylphenol	12.13	107	310952	36.598	ng		97
37) 2-Methylnaphthalene	12.52	142	628535	36.021	ng		95
38) 1-Methylnaphthalene	12.74	142	594229	36.223	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	341677	36.082	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	191821	37.066	ng		92
43) 2,4,6-Trichlorophenol	13.12	196	239798	38.158	ng		99
44) 2,4,5-Trichlorophenol	13.19	196	238950	36.664	ng		97
46) 1,1'-Biphenyl	13.52	154	834708	36.327	ng		99
47) 2-Chloronaphthalene	13.56	162	632278	36.021	ng		98
48) 2-Nitroaniline	13.75	65	241032	39.223	ng		98
49) Acenaphthylene	14.41	152	995163	36.189	ng		98
50) Dimethylphthalate	14.14	163	817317	35.689	ng		99
51) 2,6-Dinitrotoluene	14.25	165	177894	38.538	ng		96
52) Acenaphthene	14.75	154	647520	35.954	ng		99
53) 3-Nitroaniline	14.57	138	197906	37.291	ng		98
54) 2,4-Dinitrophenol	14.78	184	78812	37.596	ng	#	78
55) Dibenzofuran	15.09	168	944061	36.148	ng		99
56) 4-Nitrophenol	14.87	139	147566	36.433	ng		94
57) 2,4-Dinitrotoluene	15.03	165	245403	38.763	ng	#	98
58) Fluorene	15.74	166	779928	36.304	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.31	232	225147m	37.523	ng		
60) Diethylphthalate	15.51	149	864902	36.210	ng		99
61) 4-Chlorophenyl-phenylether	15.73	204	420098	36.316	ng		99
62) 4-Nitroaniline	15.74	138	206967	36.573	ng		98
63) Azobenzene	16.02	77	893303	36.015	ng		99
65) 4,6-Dinitro-2-methylphenol	15.80	198	113611	38.930	ng		96
66) n-Nitrosodiphenylamine	15.94	169	701187	35.876	ng		99
67) 4-Bromophenyl-phenylether	16.63	248	289337	35.652	ng		98
68) Hexachlorobenzene	16.74	284	317049	36.010	ng		96
69) Atrazine	16.89	200	263651	36.819	ng		96
70) Pentachlorophenol	17.08	266	183651	37.910	ng		100
71) Phenanthrene	17.48	178	1273357	36.706	ng		99
72) Anthracene	17.57	178	1245719	36.417	ng		99
73) Carbazole	17.83	167	1177068	35.823	ng		98
74) Di-n-butylphthalate	18.41	149	1457485	36.489	ng		99
75) Fluoranthene	19.48	202	1513888	36.651	ng		98
77) Benzidine	19.65	184	708527	39.961	ng		98
78) Pyrene	19.84	202	1505402	37.570	ng		100
80) Butylbenzylphthalate	20.74	149	667876	37.466	ng		97
81) Benzo(a)anthracene	21.68	228	1454857	36.994	ng		99
82) 3,3'-Dichlorobenzidine	21.60	252	554896	36.472	ng		97
83) Chrysene	21.75	228	1391511	37.042	ng		99
84) Bis(2-ethylhexyl)phthalate	21.62	149	906074	36.829	ng		99
85) Di-n-octyl phthalate	22.84	149	1552409	37.708	ng		100
86) Indeno(1,2,3-cd)pyrene	28.58	276	1835515	37.269	ng		98
88) Benzo(b)fluoranthene	23.90	252	1590460	36.637	ng		100
89) Benzo(k)fluoranthene	23.97	252	1459789	35.534	ng		100
90) Benzo(a)pyrene	24.77	252	1477791	36.381	ng		99
91) Dibenzo(a,h)anthracene	28.65	278	1472618	36.747	ng		98
92) Benzo(g,h,i)perylene	29.72	276	1464705	36.176	ng		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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